



US Army Corps  
of Engineers

PRESENTATION TO  
PINECASTLE RAB  
February 26, 2008



PINECASTLE JEEP RANGE – ORLANDO, FLORIDA

# Agenda

## 1. The Pinecastle Jeep Range

## 2. Investigated Areas

- Time Critical Removal Action (TCRA) Update
- Remedial Investigation – Feasibility Study (RI/FS) Planning Basis

## 3. Areas of Potential Concern



**PINECASTLE JEEP RANGE – ORLANDO , FLORIDA**



## Site Orientation

Department of  
Defense Uses

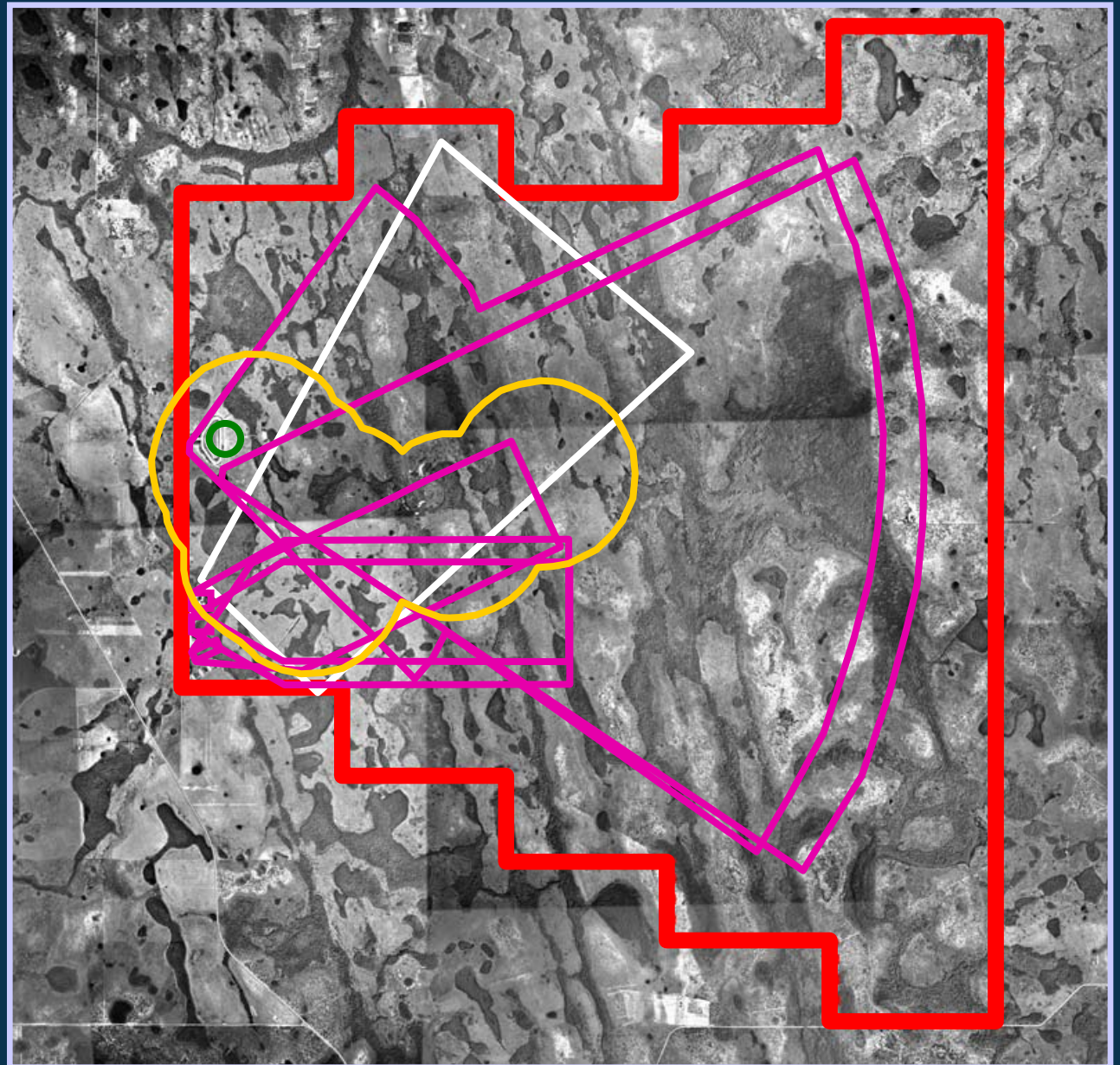
Ranges:

Chemical  
Demonstration

Rocket Range

Small Arms Range

Bomb Target



circa 1952

FORMERLY USED DEFENSE SITES

PINECASTLE JEEP RANGE



**PINECASTLE JEEP RANGE – ORLANDO , FLORIDA**





(45-1.7379)(TAC-P.T.O.)(4 P.A.D. 4883) DEMONSTRATION REST'D

Two P-51's break off after strafing targets.



ARMY (10)

SHOWING OFF THE BIG BOYS--bazookas toss their fire as part of Ordnance Demonstration.



SKIP BOMB (5)

Skip-bombing makes short shrift of target.



HEAVY BOMB (2)

HEAVY BOMBERS PARADE THE SKIES and let fly cascades of destruction.

# PINECASTLE JEEP RANGE – ORLANDO , FLORIDA

FORMERLY USED DEFENSE SITES

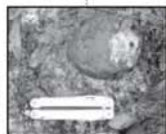


## Site Chronology – Pinecastle Jeep Range, Orlando, Florida

**1943 - 1947:** 12,488 acres leased by Department of Defense

1994	2004	2005	JUL 2007	AUG 2007	SEPT 2007	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	2009 Forward
Archive Search Report (ASR) Initiated for Entire Site	ASR Supplement Updated Risk Assessment	Site Inspection (SI) Initiated for Entire Site	DRAFT Final SI Report Complete SI Public Workshop Odyssey Middle School & Orange County School Board Meeting & Press Conference	SI Complete TCRA Initiated at Mockingbird Property & Adjacent Odyssey Middle School Senators Visit Site & Press Conference Public Workshop at Odyssey Middle School with Congressman Keller Meeting with Congressman Keller & Homebuilders Soil Sampling, Surface Clearance & Temporary Fence Erected at School Prior to Start DASA Visits Site Mockingbird LLC ROE Negotiations	Public Availability Meeting Mockingbird Investigations & Removals Start RAB Interest Meeting	Lennar Homebuilder Findings (Nov 6 <sup>th</sup> & 28 <sup>th</sup> ) Workshop with Warwick Homeowners Workshop with Tivoli Gardens Homeowners TCRA Expanded to Include Tivoli Gardens Subdivision Odyssey Middle School Investigation & Removals Start Senators Nelson, Martinez, & Congressman Keller News Conference	TCRA Expanded to Include Warwick Subdivision Senator Nelson and Congressman Keller Press Conference	Tivoli Gardens Investigation & Removals Start Warwick Investigations & Removals Start Workshop with Warwick Homeowners Odyssey School Investigations & Removals Complete Tivoli Gardens Investigation & Removals Complete Warwick Investigations & Removals Complete RI/FS Government Scoping Meeting Engle Homes/Avon Subdivision & Crown Tree Lakes Apartments Private Geophysical Investigation Complete on Vacant Lots	RI/FS Contract Award Initial RAB Meeting	Mockingbird Investigation & Removals Complete TCRA Final RI/FS TPP Workshop with Stakeholders	RI/FS Work Plan Review and Approval RI/FS Geophysical Investigation Initiated in Housing Areas	RI/FS Complete FY09 Proposed Plan & Decision Document Approval FY10 Initiate Remedial Design FY10 Initiate Remedial Action FY11-14 Long-term Monitoring FY15-36 Project Close-out FY36

Patrick Air Force Base removes munitions based on landowner's request



TCRA recommended post-event



# PINECASTLE JEEP RANGE – ORLANDO , FLORIDA



# Current Site Conditions

Department of Defense Uses

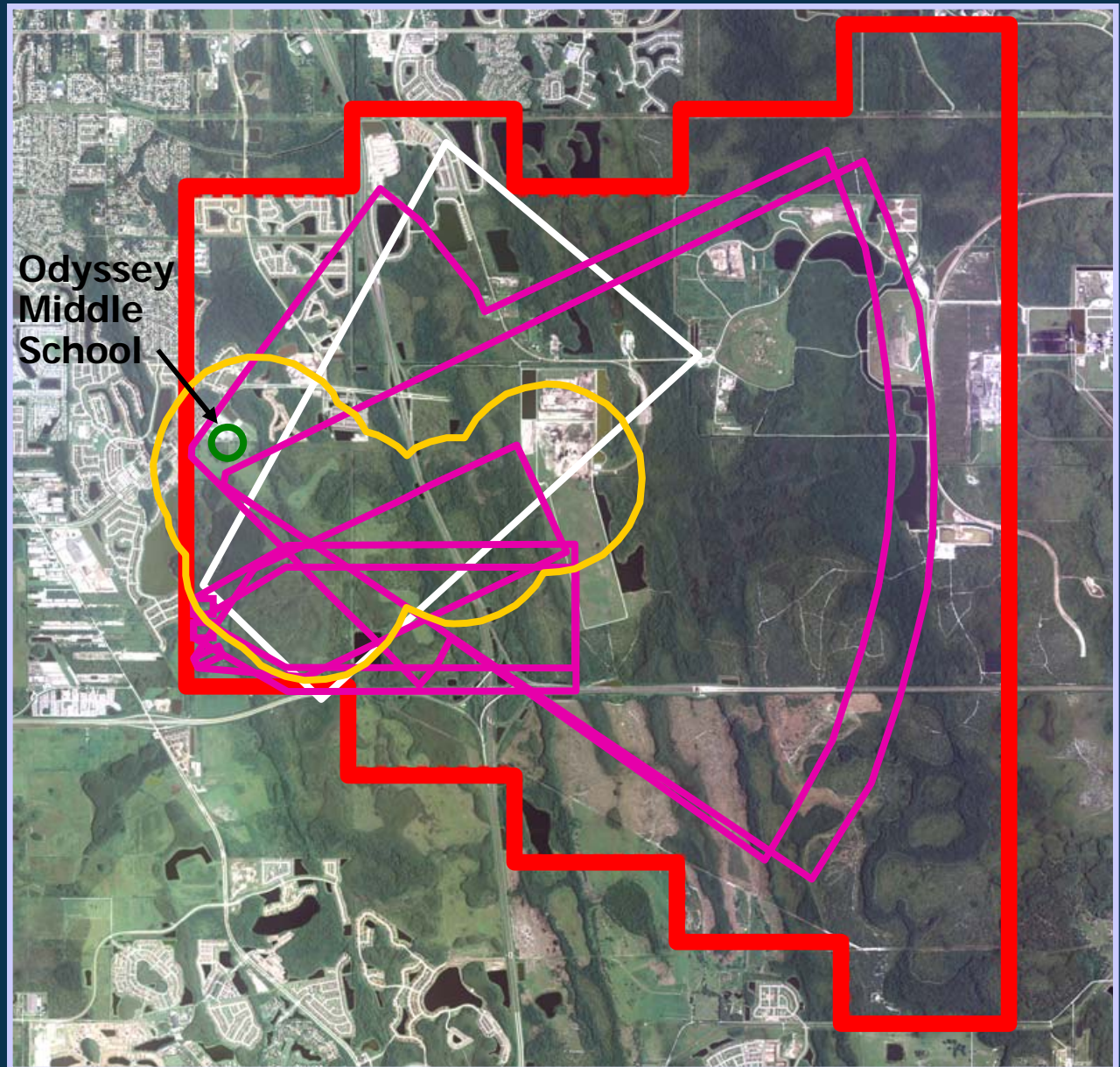
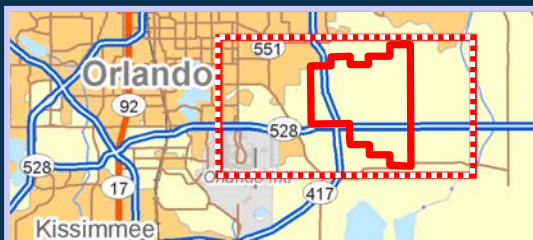
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2007

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PINECASTLE JEEP RANGE



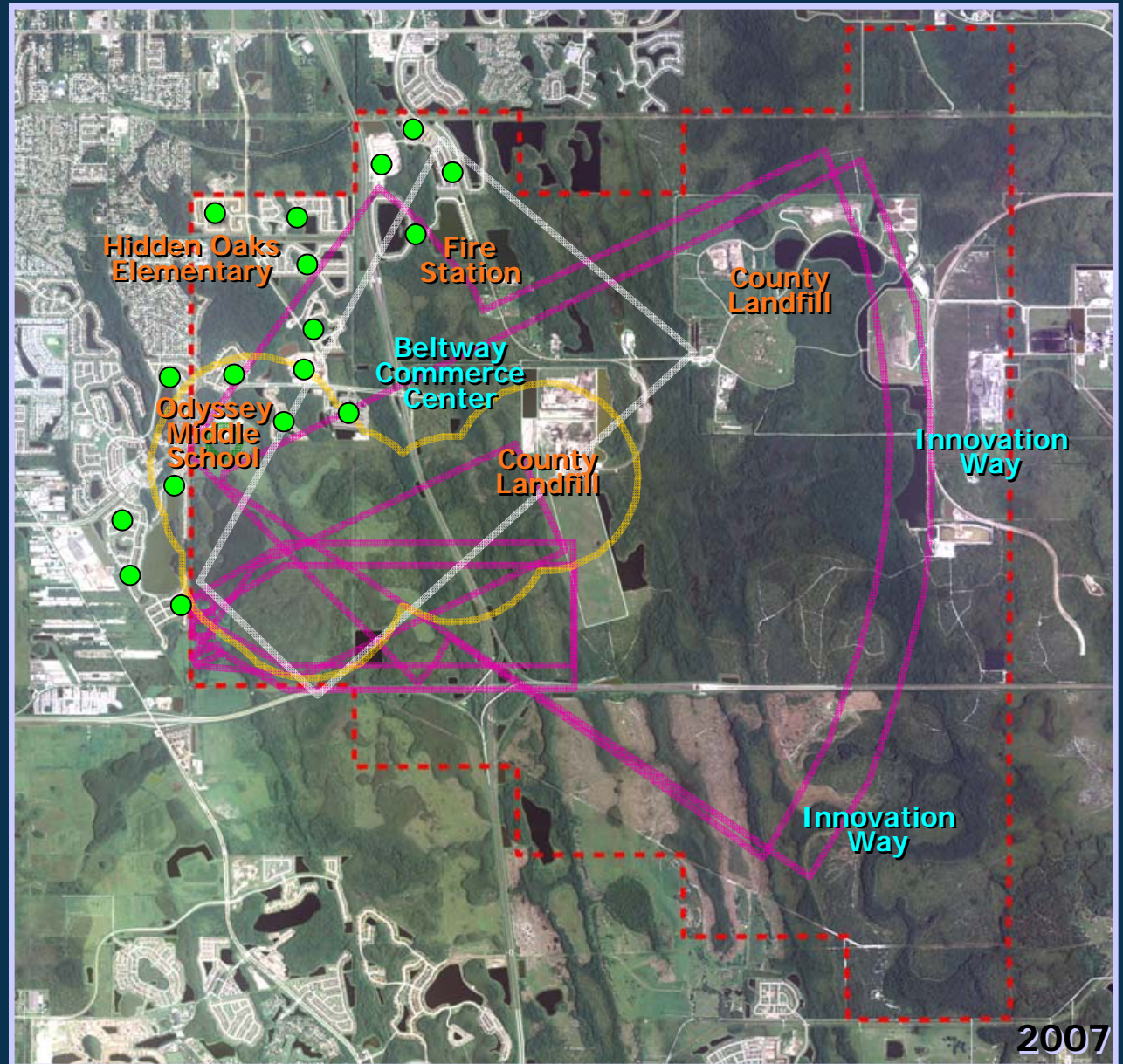
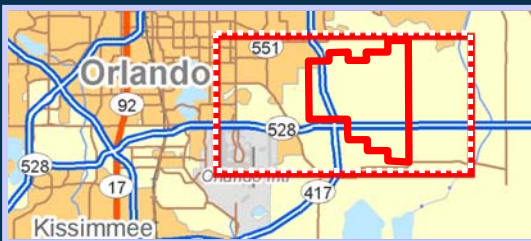
# Current Site Conditions

## Land Use

● 15+ Subdivisions and Related Homeowners Associations

■ Public Uses

■ Planned Large-Scale Development (Mixed-Use)



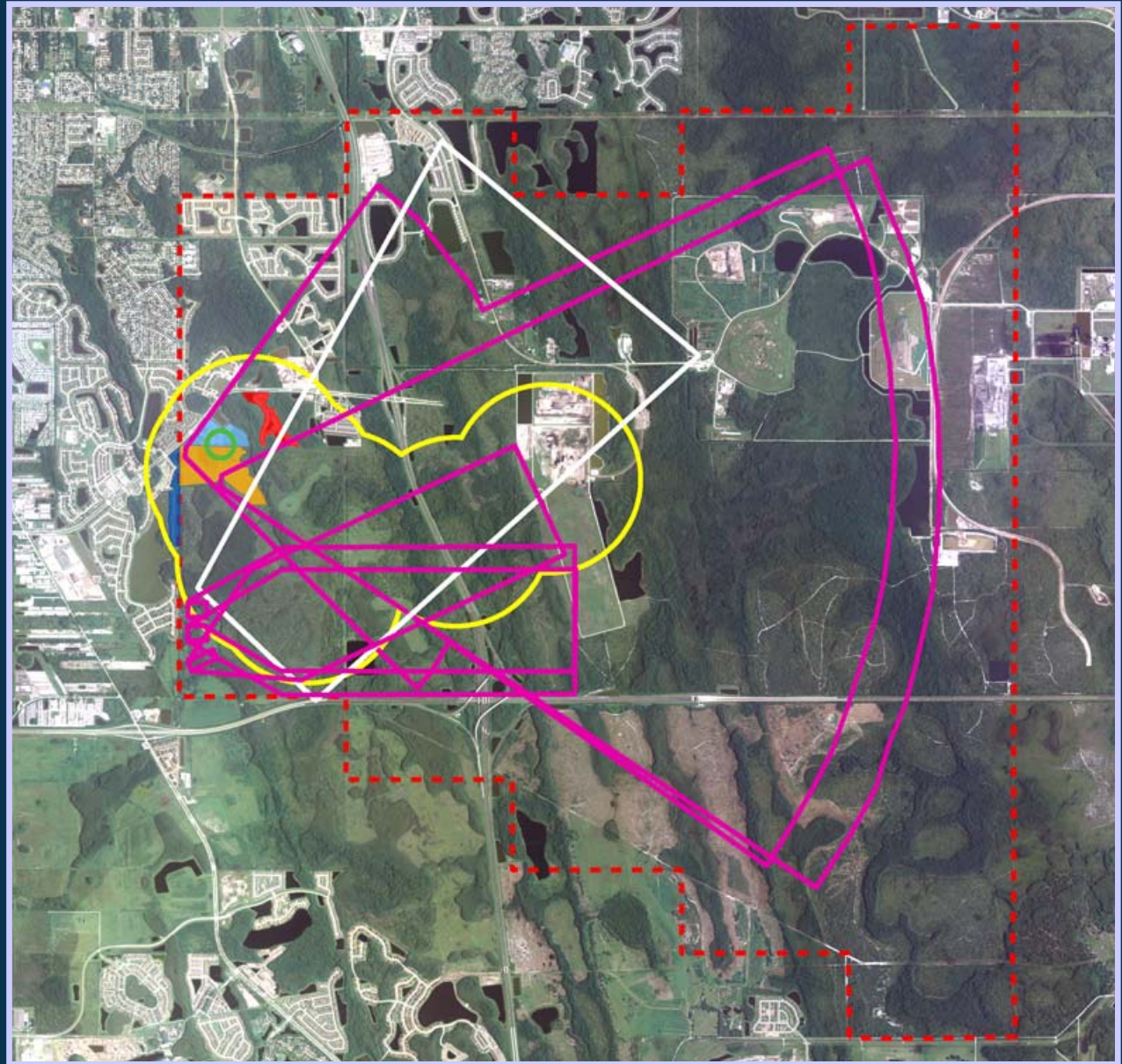
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# PINECASTLE JEEP RANGE



## Time Critical Removal Actions

-  Odyssey Middle School
-  Mockingbird LLC Property
-  Tivoli Gardens Subdivision
-  Warwick Subdivision



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PINECASTLE JEEP RANGE



# Time Critical Removal Actions

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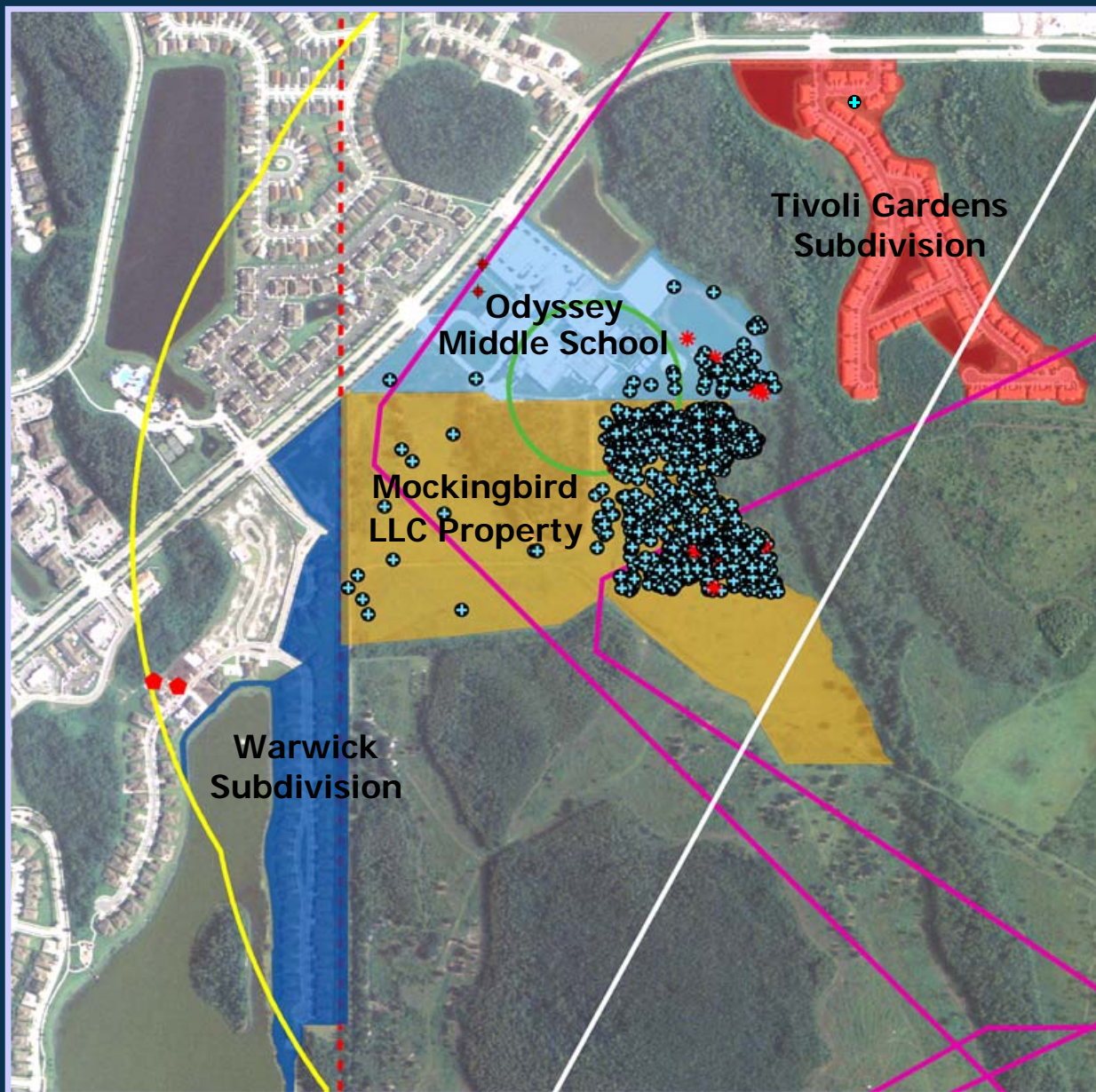
MD (munitions debris)



MPPEH (material  
potentially presenting  
an explosive hazard)



UXO (unexplored ordnance)



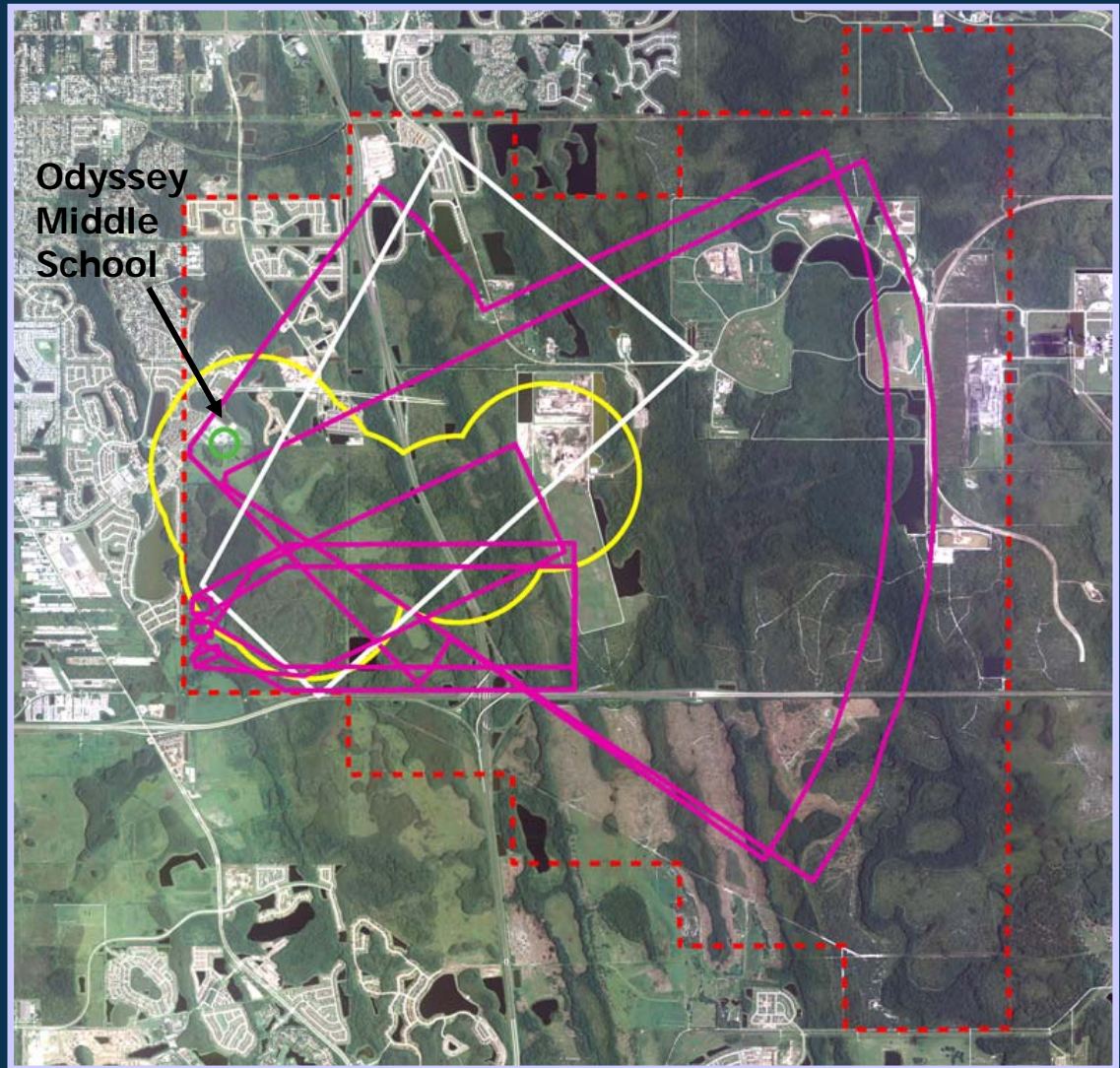
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## PINECASTLE JEEP RANGE



## RI/FS Status

- RI/FS contract award by February 29, 2008
- Technical Project Planning (TPP) meeting with stakeholders on March 27, 2008
- RI/FS contractor starts investigation in housing areas in Spring 2008



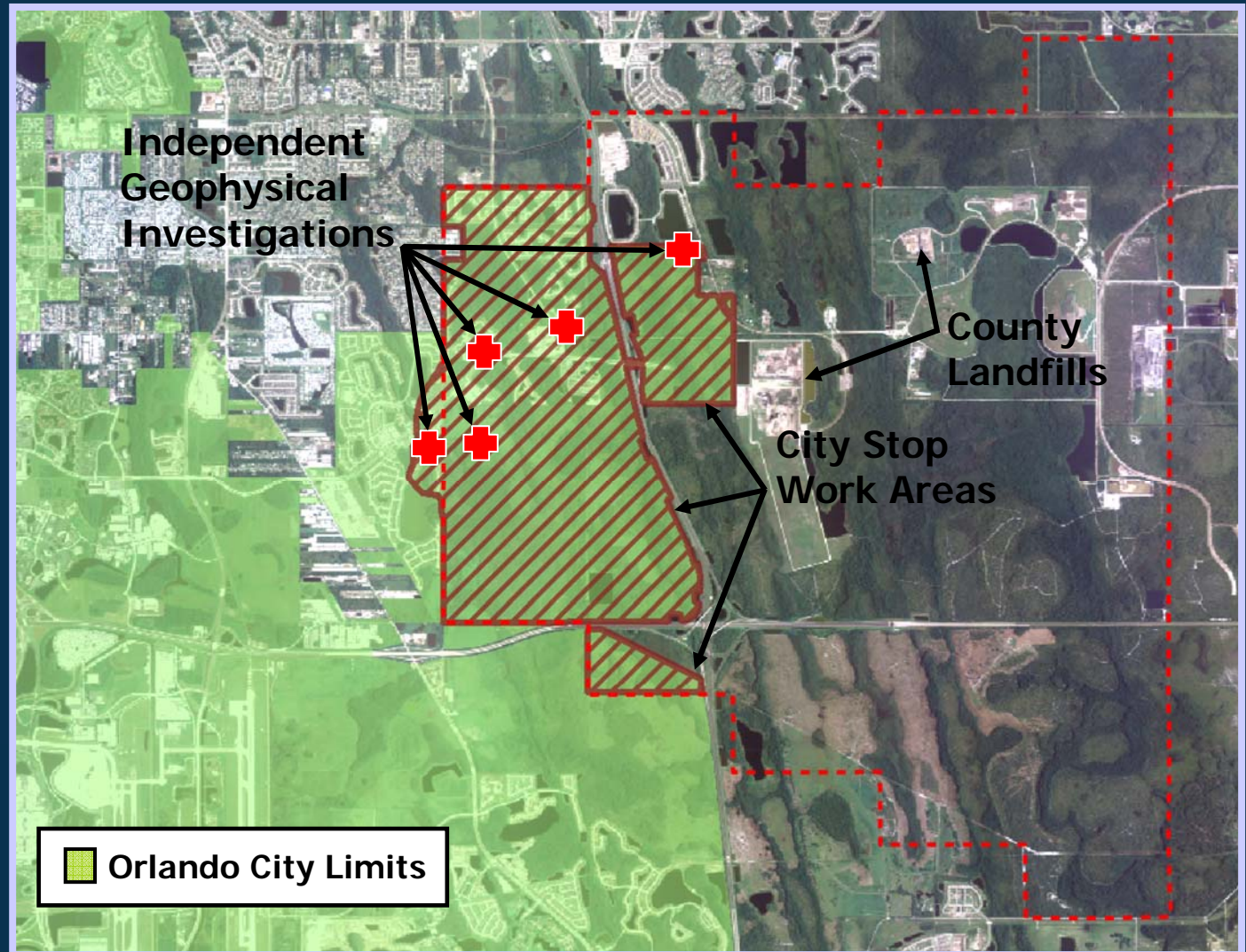
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PINECASTLE JEEP RANGE



## Other Actions

- City of Orlando stop work order
- Independent investigations
- County landfill development

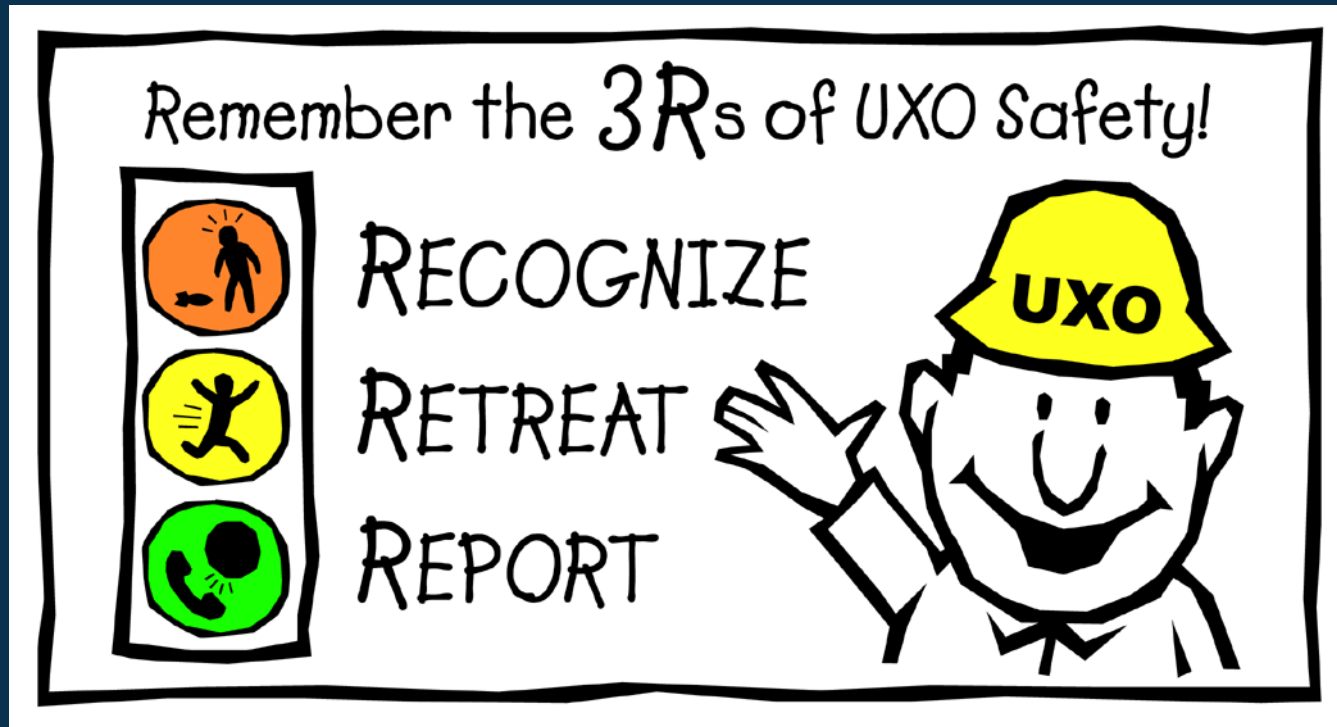


FORMERLY USED DEFENSE SITES

PINECASTLE JEEP RANGE



# Safety: Our Top Priority-Always



## RECOGNIZE

the danger  
& note location of  
suspected ordnance



## RETREAT

leave the area



## REPORT

the location,  
call 911

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PINECASTLE JEEP RANGE

# Safety: Our Top Priority-Always

Human danger from munitions  
come from:

**PRESENCE**

of munitions  
on-site

• **ACCESS** •

to the munitions

**ENERGY**

applied to  
the munitions

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PINECASTLE JEEP RANGE





# DISCUSSION

PINECASTLE JEEP RANGE – ORLANDO , FLORIDA